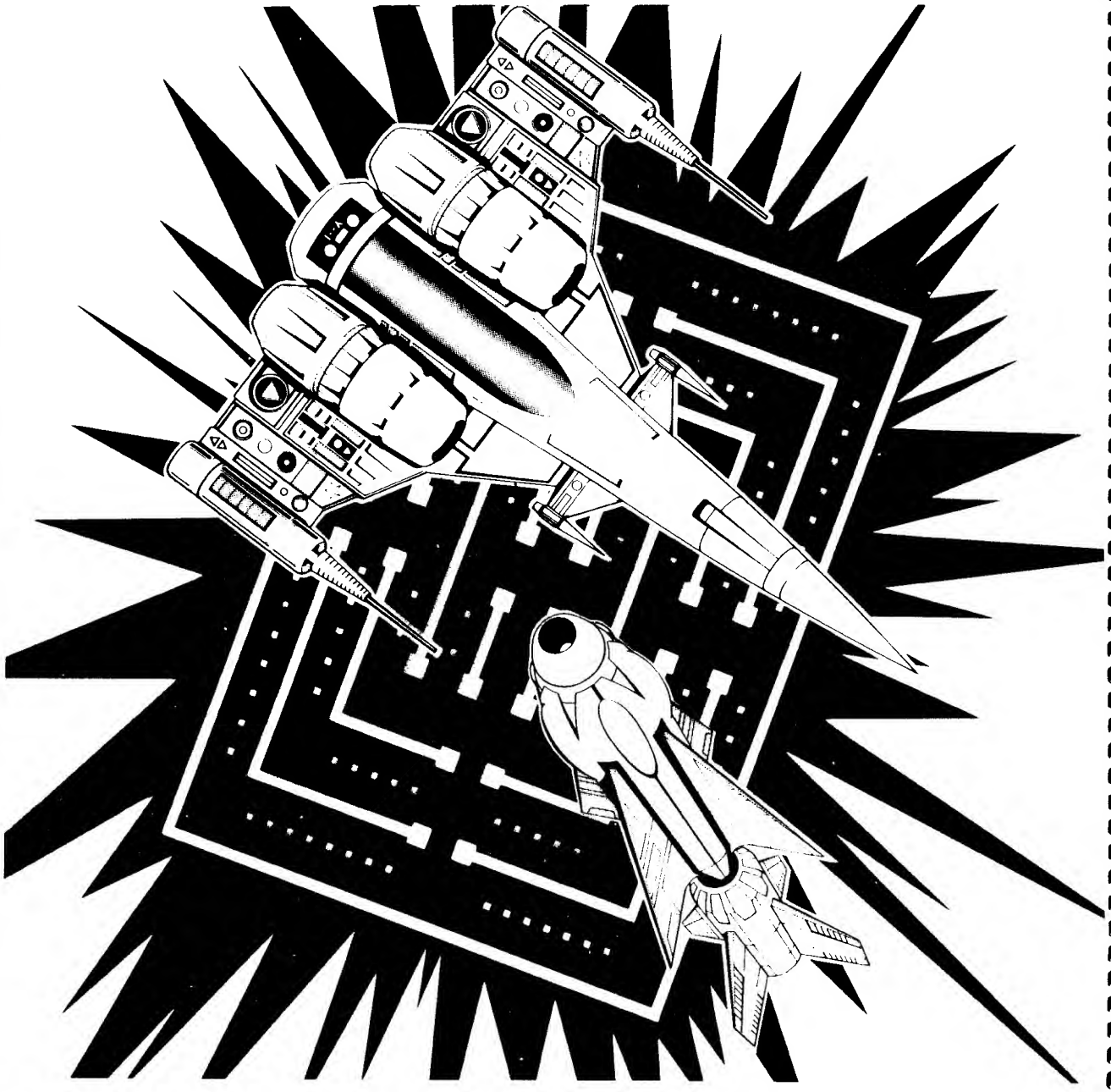
SPACE CHASER COLOR



AND PARTS CATALOG

TAITO

TAITO CORPORATION

RWO70006

NOTE.1 THE RELATION BETWEEN COIN AND CREDIT

	SW. 1							SW. 2							
	1	2	3	4	5	6	7	1	2	3	4	5	6	7	8
1 COIN 1 PLAY	ON	ON	ON	ON	ON	OFF	OFF	ON	OFF	OFF	OFF	OFF	OFF	ON	OFF
2 COIN 1 PLAY	"	"	"	"	"	"	"	OFF	ON	OFF	"	"	"	"	"
3 COIN 1 PLAY	"	"	"	"	"	"	"	"	OFF	ON	"	"	"	"	"
4 COIN 1 PLAY	"	"	"	"	"	"	"	"	OFF	OFF	ON	"	"	"	"
1 COIN 2 PLAY	ON	OFF	OFF	OFF	OFF	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON
1 COIN 3 PLAY	OFF	ON	"	"	"	"	"	"	"	"	"	"	"	"	"	"
1 COIN 4 PLAY	ON	ON	"	"	"	"	"	"	"	"	"	"	"	"	"	"

5. Playing Instruction

- o One or two players can play.
- o Insert coin(s), and select one or two player game.
  1 coin - 1 play ... 3 Spaceships (Adjustable)
  2 coins - 2 plays(1 - player game)
  1 play (2 - player game)
- o Spacehip (yellow)  and chaser Missile  will appear on the screen.
- o Control the Spacehip by using the Control Lever and clear dots (■) without colliding into oncoming chaser missiles.
- o By pushing the Thrust Button, the Spaceship can be some distance ahead of the Chaser Missile, but the fuel and bonus points decrease.
- o In two player mode, the play alternates between the two.

Functional Description of Game:

- o Points for a dot increase by 10 points per frame (up to 90 points) every time all dots in a frame have been creared. (Bonus points will be added.)
- o The bonus points are 4,000 points at the game atart, and will decrease by pushing the Thrust Button.
- o Green Zone will appear on the course for accelerating the Chaser Missiles.
- o The second Chaser Missile will appear when the score reaches 10,000 points,
- o Game ends when the lest Spaceship is distroyed by the Chaser Missile.
- o The high-scorer's name can be registered on the screen. Any waony wording can be cancelled by pushing the Name Reset Button, but the high score will not be cancelled.

Method:

(1) The alphabets ("A"-"Z"), "RUB", and "END" will be displayed on the screen. By moving the contrl lever, move the red underline to the alphabet one by one so that the high-scorer's name can by spelled.

(2) An alphabet on the red underline can be resistered at a time on the screen by pushing the thrust button.

"RUB" ... If any wrong alphabet has been registered, move the red underline to the word "RUB" , and push the thrust button so that the alphabet will be canceled.

"END" ... When finishing the high-scorer's name registration move the red underline to the word "END" and push the thrust button.

(3) The high-scorer's name register can mode within one and half minutes. After one and half minutes passed, the registration will be automalically stopped.
(In total. ten alphabets can be registered.)

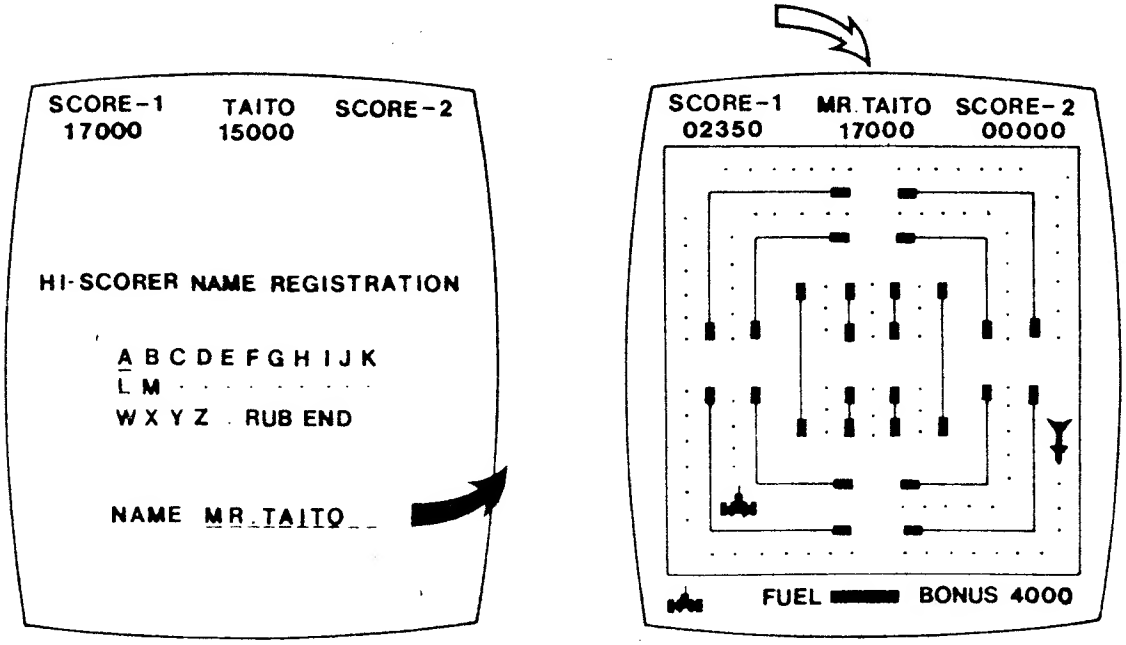


Fig.3

6. Adjustments on Switching Regulator PC Board

(See Fig. 4)

Caution: The line voltages should be set within the limit. Failure to do so may result in destruction of the IC's.

o To check the output voltage, measure them on the G-connector or the T-connector.
(See the attaching cable Block Diagram NO. AAR00196.)

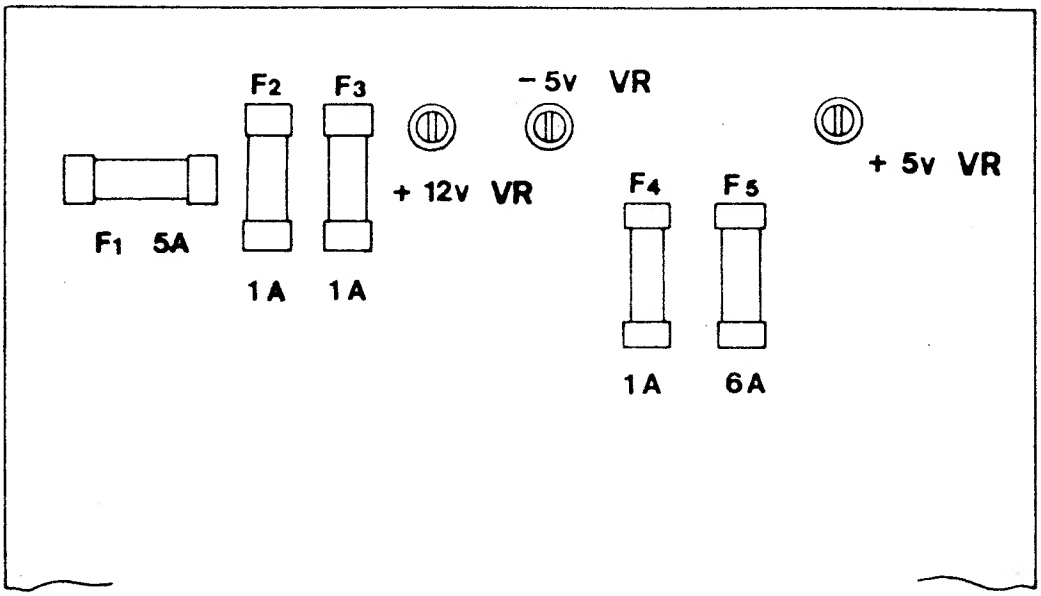


Fig. 4

o +5V VR ... Pot for adjusting +5V DC line voltage
(Adjustment range: +4.5V to +5.5V DC)
Set approx. +5V.

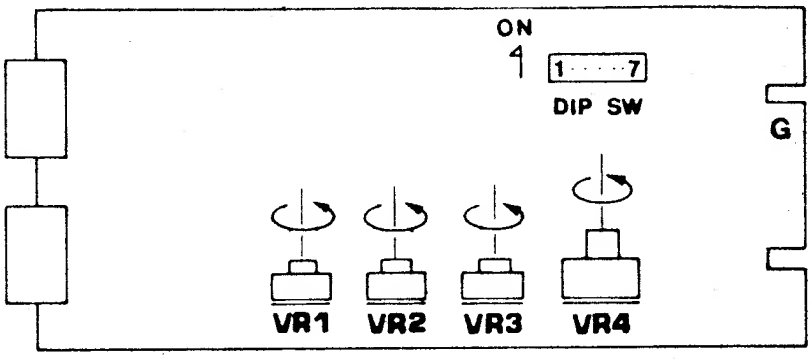
o -5V VR ... Pot for adjusting -5V DC line voltage
(adjustable range: -5.5V to -4.5V DC)
Set approx. -5V.

(When the +5V line hes no load, this -5V voltage is not present on the line.)

o +12V VR ... Pot for adjusting +5V DC line voltage
(Adjustable range: +10.8V to +13.2V DC)
Set approx. +12V.

7. Adjustments on Game PC Board (See Fig. 5and Table 1)

o To decrease the sound, turn each pot (VR1 -VR4) to the derection shown below with arowheads.



Fig,5

VR1 ... Pot for adjusting the music sound

VR2 ... Pot for adjusting the effect sound and the explosion sound

VR3 ... Pot for adjusting the dot - hitting sound

VR4 ... Pot for adjusting the total sound

Change-over of DIP Switches;

o SW1,SW2 ..Switches for changing the number of spaceships

SW 1	ON	OFF	ON	OFF
SW 2	ON	ON	OFF	OFF
Number of Spaceships	3	4	5	6

Table.1

These switches have been preset at "ON" position at the factory. (3 spaceships at the game start)

o SW3-SW6 ..Switches for adjusting solid-state modules
These switches are for factory adjustments, and all of them should be set at "ON" position.

o SW7 ..... Switch for rotating images on the screen
When the switch is set at "OFF" position, the images on the screen will be rotated
This switch should be set at "ON" position.

8. Adjustments on Color Video Monitor (See Fig. 6)

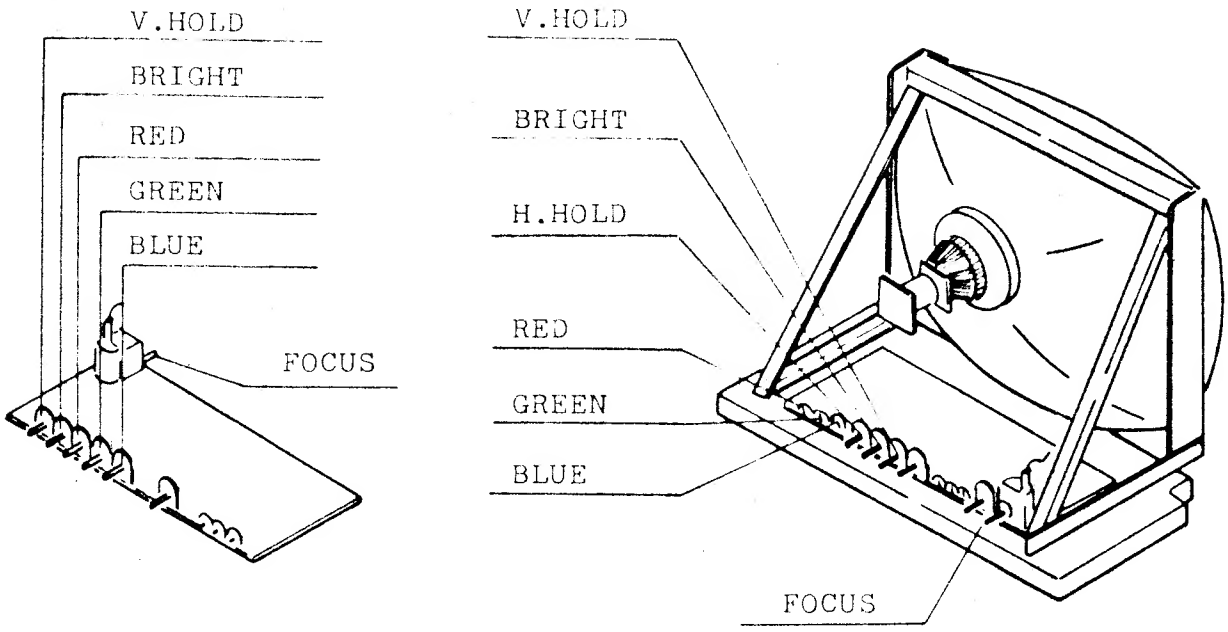


Fig. 6

The video monitor is properly adjusted before shipping, however, if necessary, seadjust as follows:

Caution: Carful adjustments are reguired for the H.Hold and the V.Hold adjustments.

o Horizontal Hold
  Adjust the H.HOLD control if the picture is warpped or broken into diagonal lines.

o Vertical Hold
  Adjust the V.HOLD control if the picture rolls vertically across the screen.

o Screen Brighness
  Adjust the BRIGHT control to keep the screen clear.

o FOCUS ... Screen Focus Control

o RED, GREEN, and BLUE ... Color Controls

Note: (1) Color aberration may occur depending on the setting condition of the machine. In that case, use a degsussing device. Keep magnet away from the screen, otherwise, it may result in color aberration.

(2) **The color video monitor of Taito "SPACE CHASER" is for exclusive use, therefore, it can not be replaced with that of other models.**

9. Adjustments of Supply Voltage (See Fig. 7)

If the voltage of the power supply is low, the picture on the screen sometimes gluckers. In that case, change the connection of the power transformer terminals in the cabinet. This adjustment is obtained by using the change-over switch.

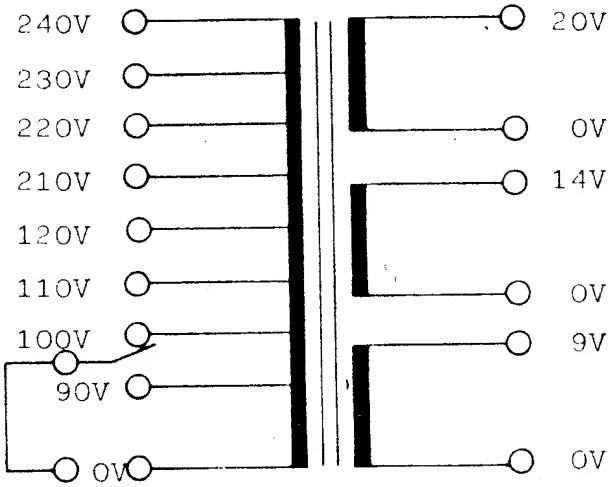


Fig. 7

10. Typical Picture During Play (See Fig.8)

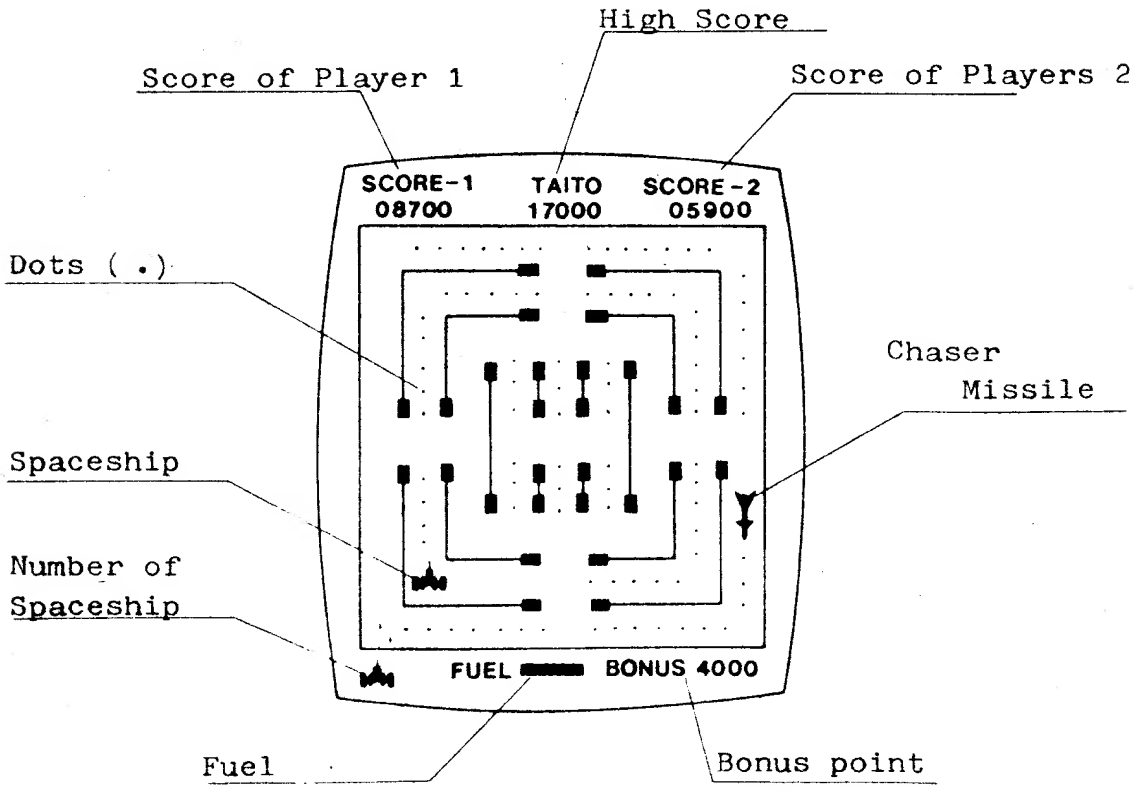
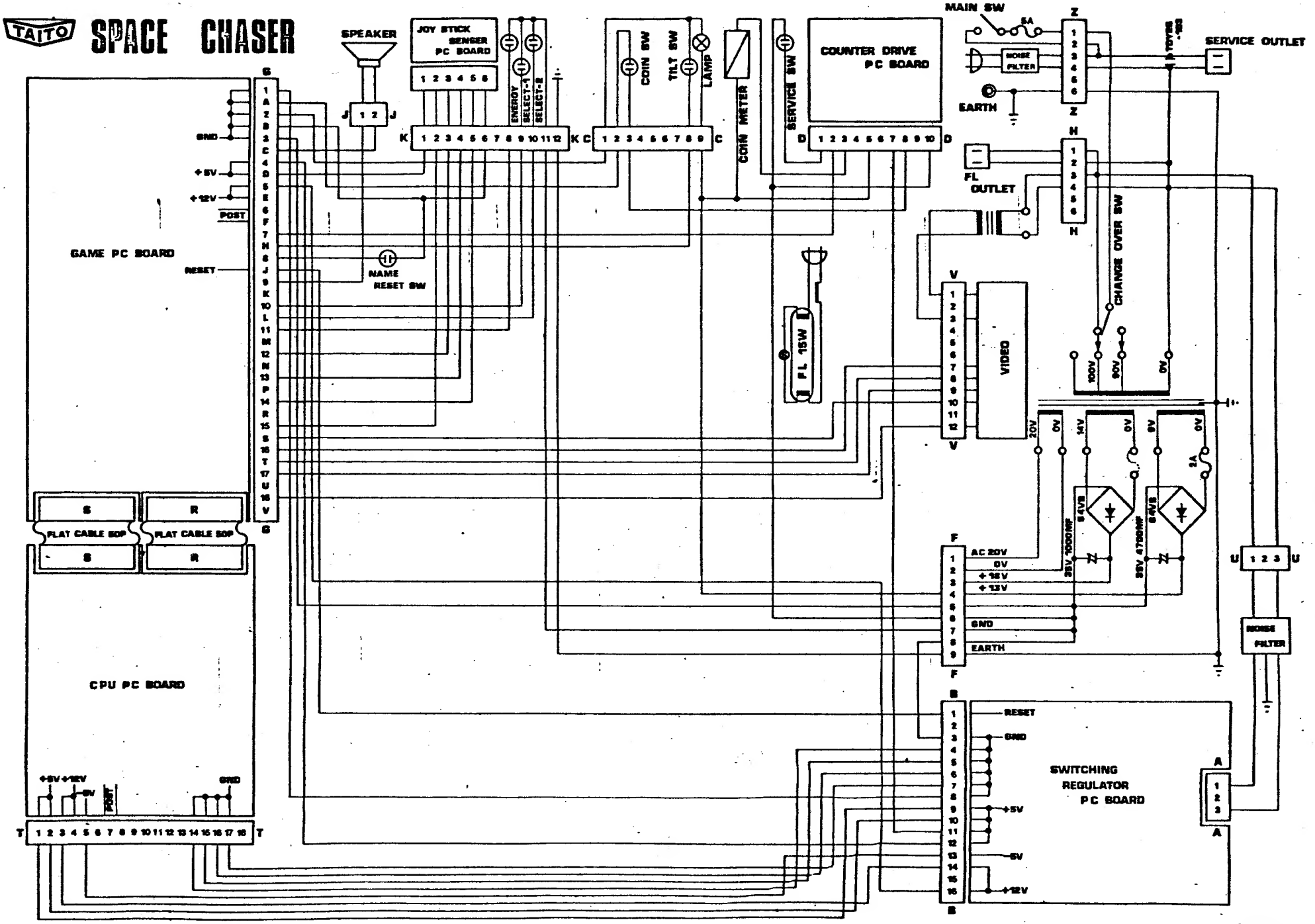
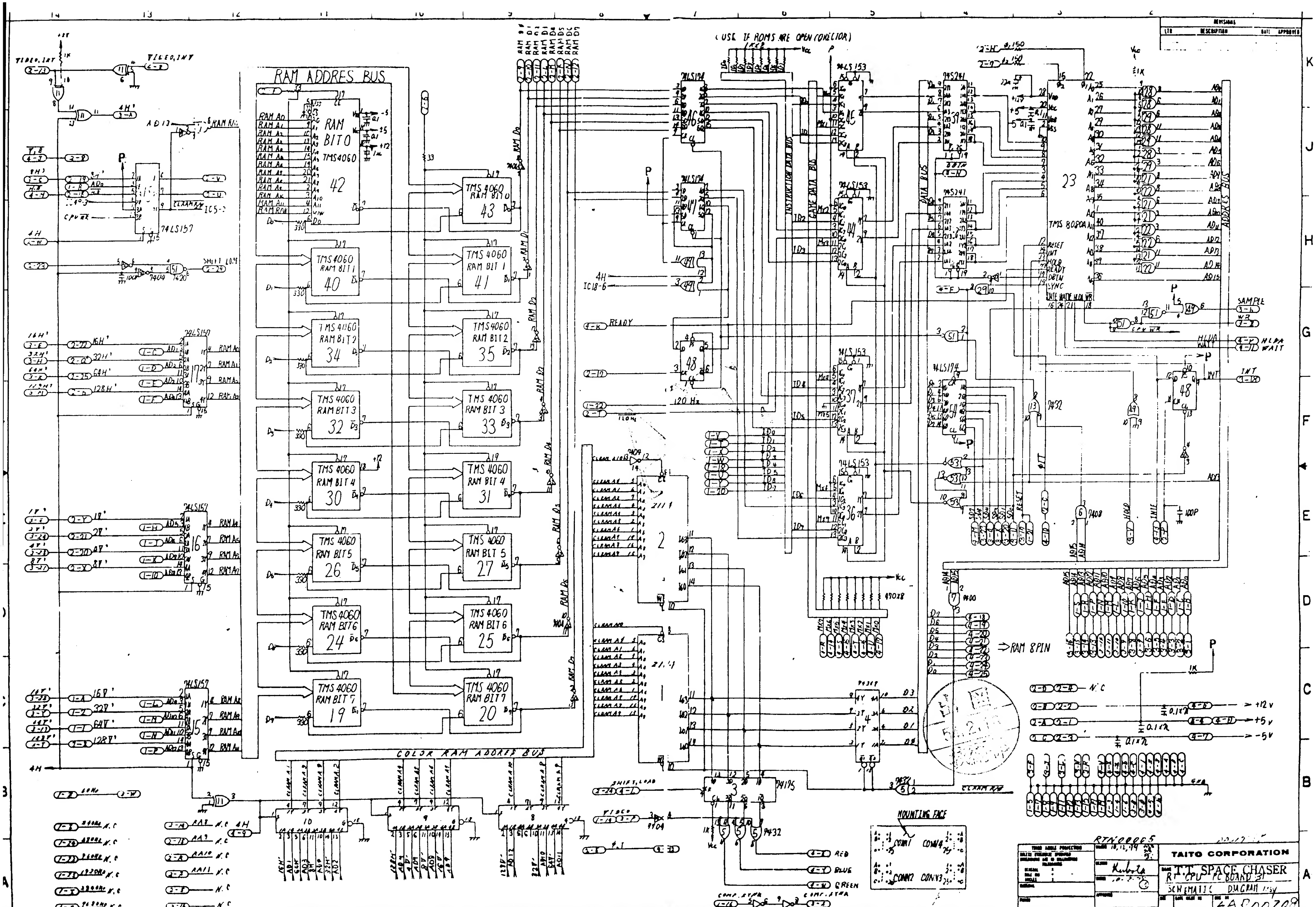


Fig. 8

TAITO SPACE CHASER



AAR00196


RAM ADDRES BUS
COLOR RAM ADDRES BUS
TMS 8080A
TMS 4060 RAM BIT 0
TMS 4060 RAM BIT 1
TMS 4060 RAM BIT 2
TMS 4060 RAM BIT 3
TMS 4060 RAM BIT 4
TMS 4060 RAM BIT 5
TMS 4060 RAM BIT 6
TMS 4060 RAM BIT 7
INSTRUCTION DATA BUS
GATE DATA BUS
DATA BUS
ADDRES BUS
USE IF ROMS ARE OPEN COLECTOR
MOUNTING FACE
RAM 8PIN
RED
BLUE
GREEN
SAMPLE
HLDA
WAIT
INT
READY
SHIFT LOAD
VIDEO INT
RTN00005
TAITO CORPORATION
T.T. SPACE CHASER
RT CPU PC BOARD 31
SCHEMATIC DIAGRAM
Kubota
AAR00208

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED

TMS8080

RAM ADDRES BUS LINE

RAM OUT DATA BUS LINE

DATA BUS LINE

GAME DATA BUS LINE

INSTRACTION DATA BUS LINE

ADDRES BUS LINE

H' BUS LINE

V' BUS LINE

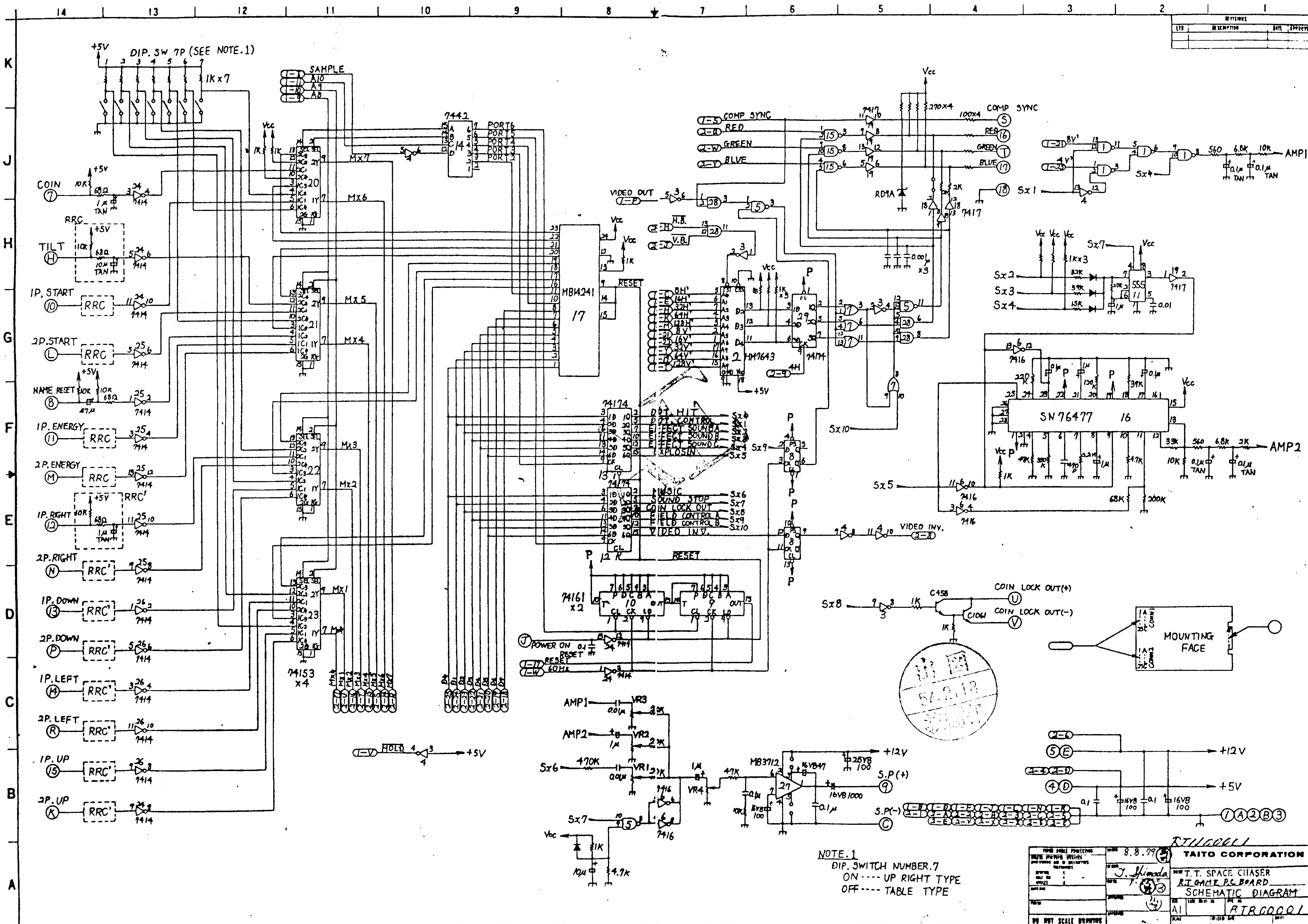
SHIFT LOAD

MOUTING FACE

(USE IF ROMS ARE OPEN CONNECTOR)

RTN00003

		TAITO CORPORATION
		C.P.U. P.C BOARE
		SCHMATIC DIAGRAM
		A4R00198


DIP. SW 7P (SEE NOTE.1)
1K x7
SAMPLE
COIN
TILT
1P. START
2P. START
NAME RESET
1P. ENERGY
2P. ENERGY
1P. RIGHT
2P. RIGHT
1P. DOWN
2P. DOWN
1P. LEFT
2P. LEFT
1P. UP
2P. UP
RRC
RRC'
74153
x4
7442
PORT
MB14241
74174
DOT HIT
DOT CONTROL
EFFECT SOUND A
EFFECT SOUND B
EFFECT SOUND C
EXPLOSIN
MUSIC
SOUND STOP
COIN LOCK OUT
FIELD CONTROL A
FIELD CONTROL B
VIDEO INV.
RESET
74161
x2
POWER ON RESET
60Hz
HOLD
+5V
COMP SYNC
RED
GREEN
BLUE
VIDEO OUT
H.B.
V.B.
HM7643
74174
RD1A
7417
270x4
100x4
Sx1
AMP1
AMP2
555
SN76477
Sx2
Sx3
Sx4
Sx5
Sx7
Sx8
Sx9
Sx10
COIN LOCK OUT(+)
COIN LOCK OUT(-)
MOUNTING FACE
VIDEO INV.
MB3712
+12V
S.P(+)
S.P(-)
Sx6
VR1
VR2
VR3
VR4
NOTE. 1
DIP. SWITCH NUMBER.7
ON ---- UP RIGHT TYPE
OFF ---- TABLE TYPE
TAITO CORPORATION
T. T. SPACE CHASER
RT GAME P.C BOARD
SCHEMATIC DIAGRAM
8. 8. 79
DO NOT SCALE DRAWING

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED

GAME BOARD VIDEO INVERTER

VIDEO INV

SHIFT LOAD

VIDEO OUT

COMP SYNK

RESET

ROM ADDRES BUS

INSTRUCTION DATA BUS

1KX8 (USE IF ROMS ARE OPEN COLLECTOR)

7H POST

DRAWN	10/24/79 Kubota
DESIGN	Kubota
CHECK	10.12.79
APPROVED	
APPROVED	

THIRD ANGLE PROJECTION

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETRES

TOLERANCES

DO NOT SCALE DRAWING

TAITO CORPORATION

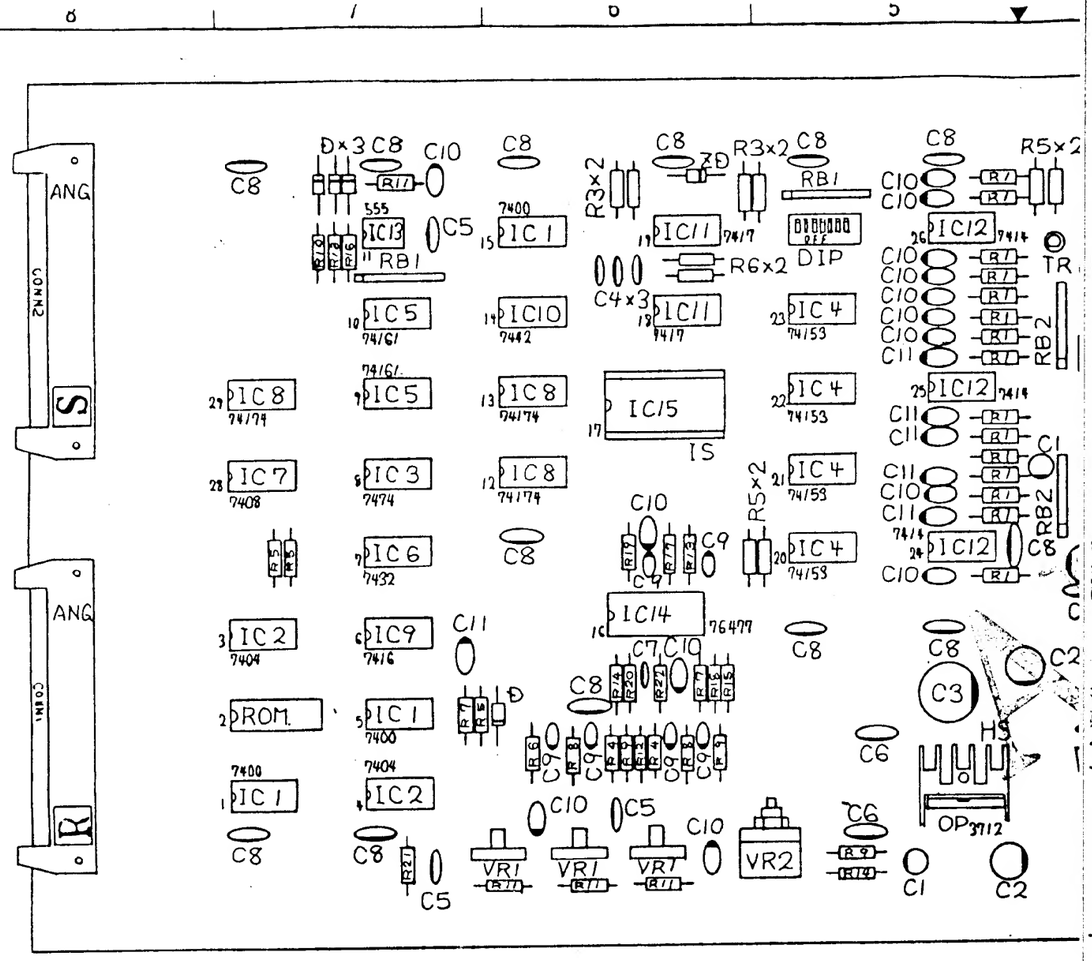
NAME T.T SPACE CHASER CPO PC BOARD(N) SCHEMATIC DIAGRAM

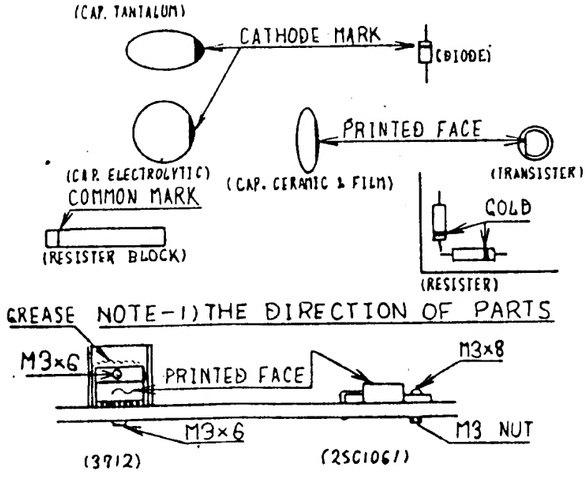
SIZE A | CODE IDENT NO. | DWG. NO. AAR00207

SCALE | RELEASE DATE | SHEET

RTN 00004

AA01-7768





PRESS THE SERIAL NO

70	RB2	AAT 55039	RESISTER BLOCK,	10KOHM 8elements	2
69	RB1	" 55036	RESISTER BLOCK,	1KOHM 8elements	2
68	VR2	" 53047	VARIABLE RESISTER,	B-50K RV/GYP	1
67	VR1	" 53041	VARIABLE RESISTER,	B-50K	3
66	R22	" 51845	RES.,CARBON,	2.2MOHM 1/4W ±5%	1
65	R21	" 51829	" " "	470K " " "	1
64	R20	" 51825	" " "	330K " " "	1
63	R19	" 51821	" " "	220K " " "	1
62	R18	" 51820	" " "	200K " " "	1
61	R17	" 51815	" " "	120K " " "	1
60	R16	" 51811	" " "	82K " " "	1
59	R15	" 51809	" " "	68K " " "	1
58	R14	" 51805	" " "	47K " " "	2
57	R13	" 51803	" " "	39K " " "	2
56	R12	" 51801	" " "	33K " " "	1
55	R11	" 51796	" " "	20K " " "	4
54	R10	" 51793	" " "	15K " " "	1
53	R 9	" 51789	" " "	10K " " "	3
52	R 8	" 51785	" " "	6.8K " " "	2
51	R 7	AAT 51782	RES.,CARBON,	4.7KOHM 1/4W ±5%	2

ITEM NO.	SYM	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	QTY PER GAME
50	R 6	AAT 51772	RES.,CARBON, 2KOHM 1/4W ±5%	3
49	R 5	" 51765	" " " 1K " " "	7
48	R 4	" 51759	" " " 560 " " "	2
47	R 3	" 51751	" " " 270 " " "	4
46	R 2	" 51741	" " " 100 " " "	4
45	R 1	" 51737	RES.,CARBON, 68OHM 1/4W ±5%	15
44	C11	" 41430	CAP.,TANTALUM, 5SG25-10F	6
43	C10	" 41436	" " " SSG35-1F	14
42	C 9	" 41431	" ,TANTALUM, SSG35-0R1F	6
41	C 8	" 41672	" ,CERAMIC, SC45F-1H-1042 50V	15
40	C 7	" 41394	" ,CERAMIC, DT-205 470PF 50V	1
39	C 6	" 41244	" ,FILM , TDY-1H-104	2
38	C 5	" 41238	" " " TDY-1H-103	3
37	C 4	" 41232	" ,FILM , TDY-1H-102	3
36	C 3	" 41040	" ,ELECTROLYTIC, 25VB-1000	1
35	C 2	" 41036	" " " 25VB-100	4
34	C 1	AAT 41035	CAP.,ELECTROLYTIC, 25VB-47	2
33	ROM	RTO 90006	P-ROM , RTO6 (4K)	1
32	IC15	AAT 37001	CUSTOM I.C , MB14241	1
31	IC14	" 32141	TTL I.C , 76477	1
30	IC13	" 32019	" " NE555V	1
29	IC12	" 32054	" " 7414	3
28	IC11	" 32049	" " 7417	2
27	IC10	" 32039	" " 7442	1
26	IC 9	" 32033	" " 7416	1
25	IC 8	" 32029	" " 74174	3
24	IC 7	" 32023	" " 7408	1
23	IC 6	" 32021	" " 7432	1
22	IC 5	" 32018	" " 74161	2
21	IC 4	" 32017	" " 74153	4
20	IC 3	" 32011	" " 7474	1
19	IC2	" 32003	" " 7404	2
18	IC 1	AAT 32001	TTL I.C , 7400	3
17			PAN HD SCREW, M3×6	1
16	OP	AAT 31042	OP AMP41FER , MB3712	1
15	ZD	" 13028	ZENER DIODE , RD-9A	1
14	D	AAT 12025	DIODE , 1S1588	4
13			NUT , M3	1
12			PAN HD SCREW, M3×8	1
11	TR2	AAT 11030	TRANSISTER , 2SC1061	1
10	TR1	AAT 11020	TRANSISTER , 2SC372	1
9	IS	AAO 55787	I.C SOCKET , 24PIN	1
8	ANG	" 55154	ANGLE PIN HEADER, PS-50PA	2
7	DIP	" 52560	DIP SWITCH , DSS-7	1
6	S	" 17662	CONNECTOR STICKER , S	1
5	R	" 17659	" , R	1
4	G	AAO 17632	CONNECTOR STICKER , G	1
3			PAN HD SCREW , M3×6	1
2	HS	AAO 14520	HEAT SINK	1
1		RTO 70001	RT-GAME P.C BOARD	1

REVISIONS

LTR	DESCRIPTION	DATE	APPROVED

PARTS LIST

THIRD ANGLE PROJECTION
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS
TOLERANCES
DECIMAL ±
ANGLES ±
MATERIAL
FINISH
DO NOT SCALE DRAWING

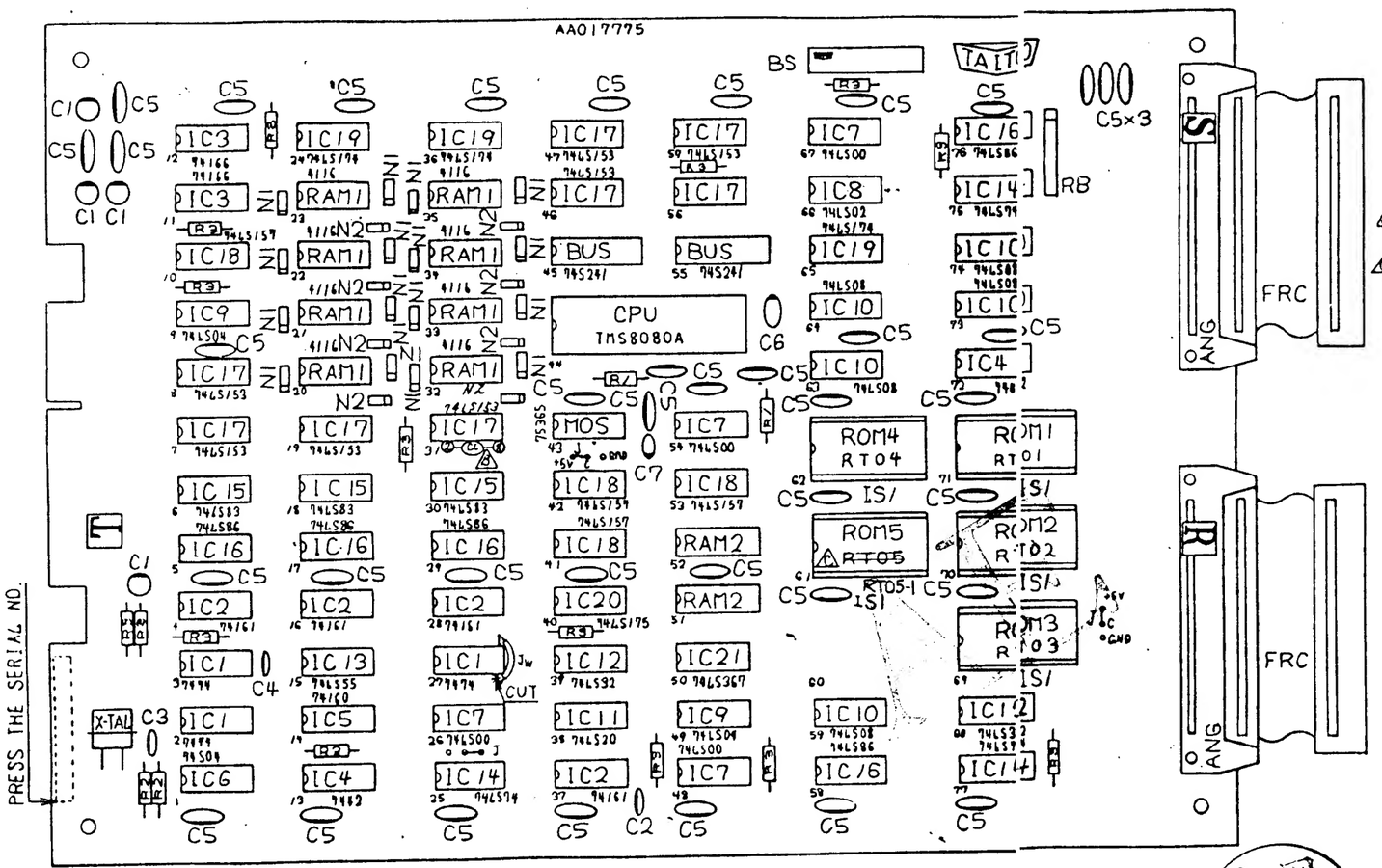
DRAWN 8.23.79 Kubota
DESIGNED
CHECKED
APPROVED
APPROVED

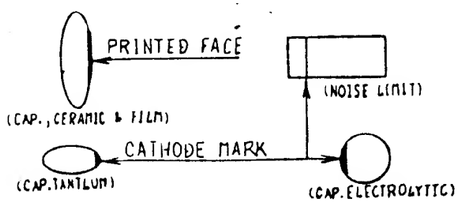
TAITO CORPORATION

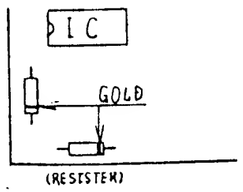
NAME T.T. SPACE CHASER
R-T-GAME P.C BOARD Assy

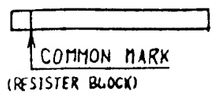
SIZE A2 | CODE IDENT NO. | DWG NO RTN 0000/
SCALE | WEIGHT | SHEET

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
A	P-11-7 · 1POINT	10.4.79	Kubota
B	P-11-10 · 2POINT	10.9.79	Kubota
C	P-11-18 · 3POINT	11.5.79	Kubota









NOTE) THE DIRECTION OF PARTS

ITEM NO.	SYM	PART NO. IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	QTY PER UNIT
58	ROM5	RTO 90032	P-ROM RTO5-1	1
57		AAT 41334	CAP., CERAMIC, 470PF (REPAIR PARTS)	1
56				
55	Jw		JUMPER WIRE, Y 100mm	
54	J		TINNED COPPER WIRE 1Φ200mm	
53	FRC	AAR 00215	F.F.C.-Harness Assy 50P	2
52	N2	AAT 61020	NOISE LIMIT, CS90E-1E-1R500-R58	8
51	N1	AAT 61019	NOISE LIMIT, CS90E-1A-3R300-R58	16
50	RB	AAT 55041	RESISTER BLOCK 470ohm 8elements	1
49	R3	· 51765	RES.,CARBON, 1Kohm ±5% 1/4W	15
48	R2	· 51753	· , · , 330 · · ·	2
47	R1	· 51745	RES.,CARBON, 150ohm ±5% 1/4W	2
46	C7	· 41425	CAP.,TANTALUM, SSG25-1F	1
45	C6	· 41424	· ,TANTALUM, SSG16-22F	1
44	C5	· 41672	· ,CERAMIC, SC45F1H1042 50V 0.1μF	39
43	C4	· 41334	· , · , DT-205 470PF 50V	1
42	C3	· 41324	· , · , DT-203 180PF 50V	1
41	C2	· 41318	· ,CERAMIC, DT-201 100PF 50V	2 F
40	C1	AAT 41032	CAP.,ELECTROLYTIC, 25VB-10	4
39	ROM5	RTO 90005	P-ROM, RT05 , 16K	0 F
38	ROM4	· 90004	· , RT04 , ·	1
37	ROM3	· 90003	· , RT03 , ·	1
36	ROM2	· 90002	· , RT02 , ·	1
35	ROM1	RTO 90001	P-ROM, RT01 , 16K	1
34	MOS	AAT 35002	MOS DRIVER ,SN75365	1
33	BUS	· 35001	BUS DRIVER , 74S241	2
32	CPU	· 34001	C.P.U , TMS8080A	1
31	IC21	· 33203	L.S I.C , 74LS367	1
30	IC20	· 33128	· , 74LS175	1
29	IC19	· 33127	· , 74LS174	3
28	IC18	· 33112	· , 74LS157	4
27	IC17	· 33108	· , 74LS153	8
26	IC16	· 33062	· , 74LS86	5
25	IC15	· 33059	· , 74LS83	3
24	IC14	· 33051	· , 74LS74	3
23	IC13	· 33043	· , 74LS55	1
22	IC12	· 33027	· , 74LS32	2
21	IC11	· 33019	· , 74LS20	1
20	IC10	· 33009	· , 74LS08	5
19	IC9	· 33005	· , 74LS04	2
18	IC8	· 33003	· , 74LS02	1
17	IC7	· 33001	L.S I.C , 74LS00	4
16	RAM2	· 32156	STATIC RAM, 2114-4	2
15	RAM1	· 32153	DYNAMIC RAM, TMS4116-25	8
14	IC6	· 38003	TTL I.C , 7404	1
13	IC5	· 32086	· , 74160	1
12	IC4	· 32039	· , 7442	2
11	IC3	· 32028	· , 74166	2
10	IC2	· 32018	· , 74161	4
9	IC1	AAT 32011	TTL I.C , 7474	3
8	X-TAL	AAO 69539	X-TAL , 19.968MHz	1
7	IS1	· 55787	I.C SOCKET, 24PIN	5
6	ANG	· 55154	ANGLE PIN HEADER, PS-50PA	2
5	T	· 17665	CONNECTOR STICKER, T	1
4	S	· 17662	· , S	1
3	R	AAO 17659	CONNECTOR STICKER, R	1
2	BS		P.C BOARD STICKER	1
1		AAO 17775	C.P.U P.C BOARD	1

PARTS LIST

THIRD ANGLE PROJECTION
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETRES
TOLERANCES
DECIMAL ±
ONE DIA ±
ANGLES ±
MATERIAL
FINISH

DRAWN 7.31.79
DESIGN Kubota
CHECK
APPROVED
APPROVED

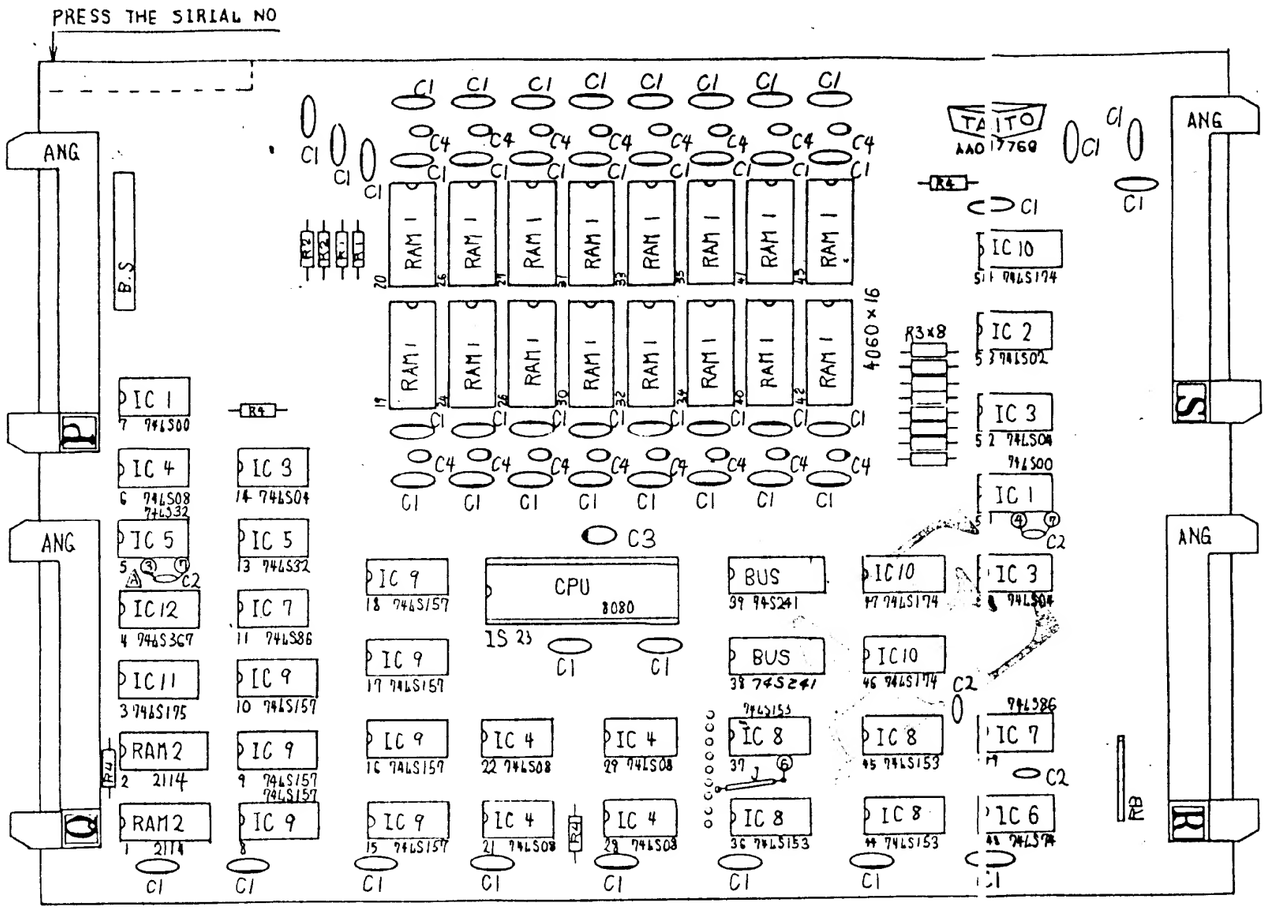
DO NOT SCALE DRAWING

TAITO CORPORATION

NAME T.T. SPACE CHASER
R.T C.P.U. P.C BOARD
Assy

DWG NO. RTN00003
SCALE
RELEASE DATE
SHEET

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED



PRINTED FACE

(CAP., CERAMIC & TANTLUM)

COMMON MARK

NOTE-1) PRINTED FACE

CATHODE MARK

(CAP. TANTLUM)

NOTE-2) CATHODE MARK

NOTE-3) RESISTOR BLOCK

GOLD

NOTE-4) RESISTOR CARBON

ITEM NO	SYM	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	QTY PER
47				
46				
45				
44				
43				
42				
41				
40				
39				
38				
37				
36				
35				
34	J		JUMPER WIRE, Y 1Ø 100mm	
33	RB	AAT 55041	RESISTOR BLOCK, 470 OHM 8 elements	1
32	R4	" 51765	RES., CARBON, 1K OHM 1/4W ±5%	4
31	R3	" 51753	" " " 330 OHM " "	8
30	R2	" 51745	" " " 150 OHM " "	2
29	R1	" 51729	RES. CARBON, 330HM 1/4W ±5%	2
28	C4	" 41425	CAP. TANTLUM, SSG 25-1F	16
27	C3	" 41424	" TANTLUM, SSG 16-22F	1
26	C2	" 41318	" CERAMIC, DT-201 100PF 50V	34
25	C1	" 41244	CAP. FILM, TDY-1H-104	49
24	BUS	" 35001	BUS DRIVER, 74S241	2
23	CPU	" 34001	C.P.U, TMS8080	1
22	IC12	" 33203	LS I.C, 74LS367	1
21	IC11	" 33128	" " 74LS175	1
20	IC10	" 33127	" " 74LS174	3
19	IC9	" 33112	" " 74LS157	7
18	IC8	" 33108	" " 74LS153	4
17	IC7	" 33062	" " 74LS86	2
16	IC6	" 33051	" " 74LS74	1
15	IC5	" 33027	" " 74LS32	2
14	IC4	" 33009	" " 74LS08	5
13	IC3	" 33005	" " 74LS04	3
12	IC2	" 33003	" " 74LS02	1
11	IC1	" 33001	LS I.C, 74LS00	2
10	RAM2	" 32156	STATIC RAM, 2114N	2
9	RAM1	AAT 32091	DYNAMIC RAM, TMS4060NL (4K)	16
8	IS	AAO 55812	I.C SOCKET, 40PIN	1
7	ANG	" 55154	ANGLE PIN HEADER, PS-50PA	4
6	S	" 17662	CONNECTOR STICKER, S	1
5	R	" 17659	" " R	1
4	Q	" 17656	" " Q	1
3	P	AAO 17653	CONNECTOR STICKER, P	1
2	BS	RTO 10020	P.C BOARD STICKER	1
1		AAO 17769	C.P.U P.C BOARD (B)	1

PARTS LIST

THIRD ANGLE PROJECTION

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETRES

TOLERANCES

DO NOT SCALE DRAWING

DRAWN 10,5,79

DESIGN Kubota 10.5.79

CHECK 10.8.79

APPROVED

APPROVED

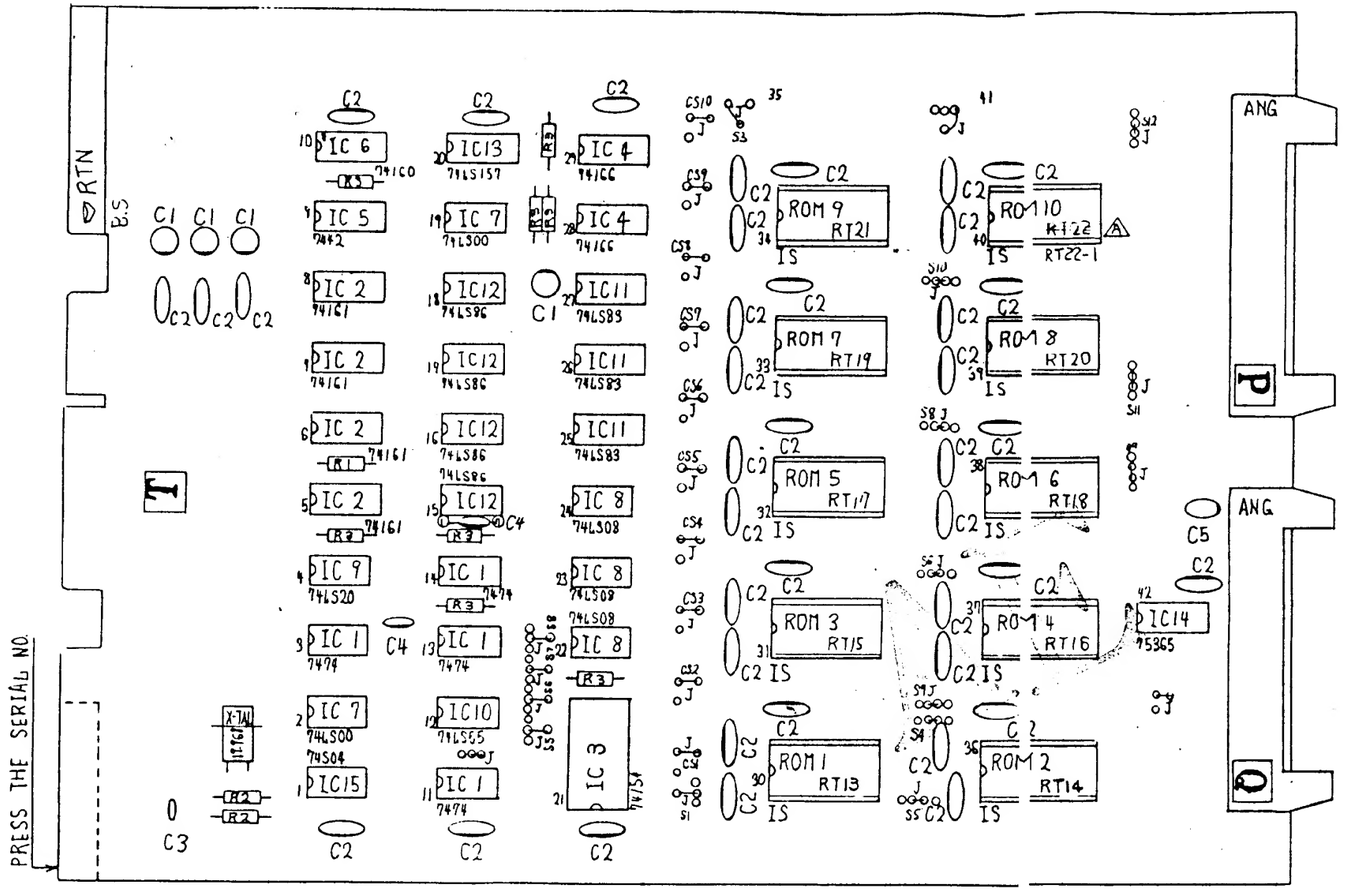
TAITO CORPORATION

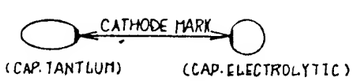
NAME T.T. SPACE CHASER R.T C.P.U P.C BOARD (B) Ass'y

SIZE A2 | CODE IDENT NO. | DWG. NO. RTN00005

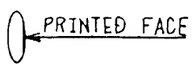
SCALE | RELEASE DATE | SHEET

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
⚠	3POINT · P-11-79	11/5.79	

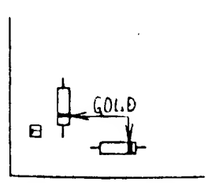




NOTE-1) CATHODE MARK



NOTE-2) CAP. CERAMIC & FILM



NOTE-3) RESISTER

ITEM NO.	SYM	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	QTY REQD
47				
46				
45				
44				
⚠ 43	ROM10	RTO 90031	P-ROM , RT22-1 (2708)	1
42	J		TINNED COPPER WIRE	200mm
41	R3	AAT 51765	RES. CARBON, 1KOHM 1/4W ±5%	8
40	R2	" 51753	" " 330 " "	2
39	R1	" 51733	RES. CARBON 47OHM 1/4W ±5%	1
38	C5	" 41436	CAP. TANTLUM, SSG 35-1F	1
37	C4	" 41334	" CERAMIC, DT205 470PF 50V	2
36	C3	" 41324	" CERAMIC, DT203 180PF 50V	1
35	C2	" 41244	" FILM, TDY-1H-104	40
34	C1	AAT 41032	CAP., ELECTROLYTIC, 25VB-10	4
⚠ 33	ROM10	RTO 90029	P-ROM RT 22 (2708)	50
32	ROM9	" 90028	" RT 21 (")	1
31	ROM8	" 90027	" RT 20 (")	1
30	ROM7	" 90026	" RT 19 (")	1
29	ROM6	" 90025	" RT 18 (")	1
28	ROM5	" 90024	" RT 17 (")	1
27	ROM4	" 90023	" RT 16 (")	1
26	ROM3	" 90022	" RT 15 (")	1
25	ROM2	" 90021	" RT 14 (")	1
24	ROM1	RTO 90020	P-ROM RT 13 (2708)	1
23	IC15	AAT 38003	S I.C 74S04	1
22	IC14	" 35002	MOS DRIVER " 75365	1
21	IC13	" 33112	LS I.C 74LS157	1
20	IC12	" 33062	" " 74LS86	4
19	IC11	" 33059	" " 74LS83	3
18	IC10	" 33043	" " 74LS55	1
17	IC9	" 33019	" " 74LS20	1
16	IC8	" 33009	" " 74LS08	3
15	IC7	" 33001	LS I.C 74LS00	2
14	IC6	" 32086	TTL I.C 74160	1
13	IC5	" 32039	" " 7442	1
12	IC4	" 32028	" " 74166	2
11	IC3	" 32027	" " 74154	1
10	IC2	" 32018	" " 74161	4
9	IC1	AAT 32011	TTL I.C 7474	4
8	X-TAL	AAO 69539	X-TAL 19.968 MHz	1
7	IS	" 55787	I.C SOCKET " 24P	10
6	ANG	" 55154	ANGLE PIN HEADER, PS-50PA	2
5	T	" 17665	CONNECTOR STICKER, T	1
4	Q	" 17656	" " Q	1
3	P	AAO 17653	CONNECTOR STICKER, P	1
2	B.S	RTO 70019	P.C BOARD STICKER	1
1		AAO 17768	C.P.U P.C BOARD A	1

PARTS LIST

THIRD ANGLE PROJECTION
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN MILLIMETRES
TOLERANCES
DECIMAL .
SINGLE DIA .
ANGLES .
MATERIAL
FINISH
DO NOT SCALE DRAWING

DRAWN 10,5,79
DESIGN Kubota
CHECK 10.8.79
APPROVED
APPROVED

TAITO CORPORATION

NAME T.T. SPACE CHASER
R.T CPU P.C BOARD (A) Assy

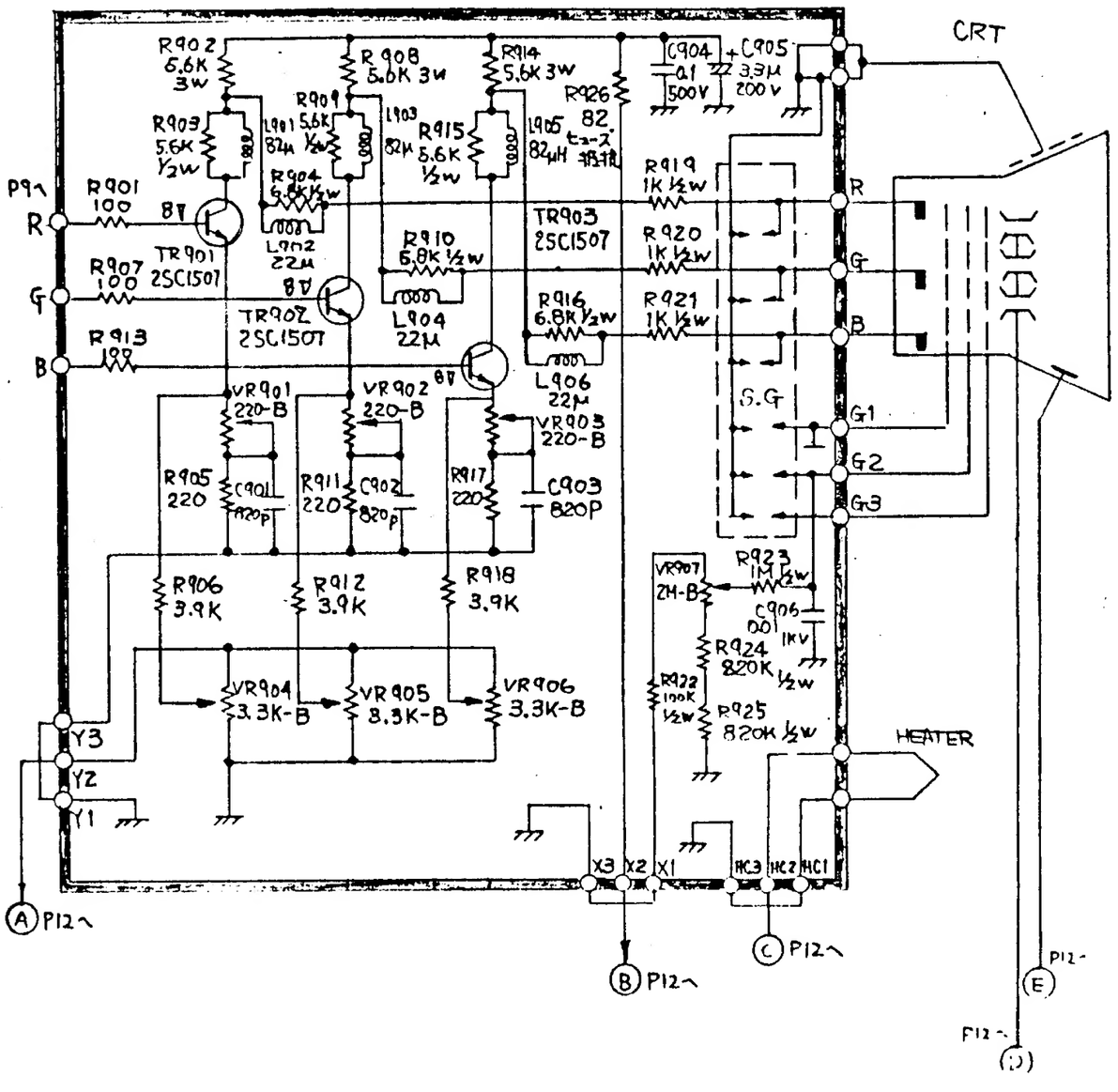
SIZE A2 | CODE IDENT NO. | DWG. NO. RTN00004
SCALE | RELEASE DATE | SHEET

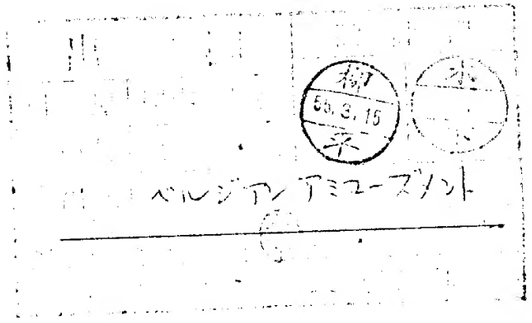
54.2.18

TR902, TR903, TR901 <コレクタ>

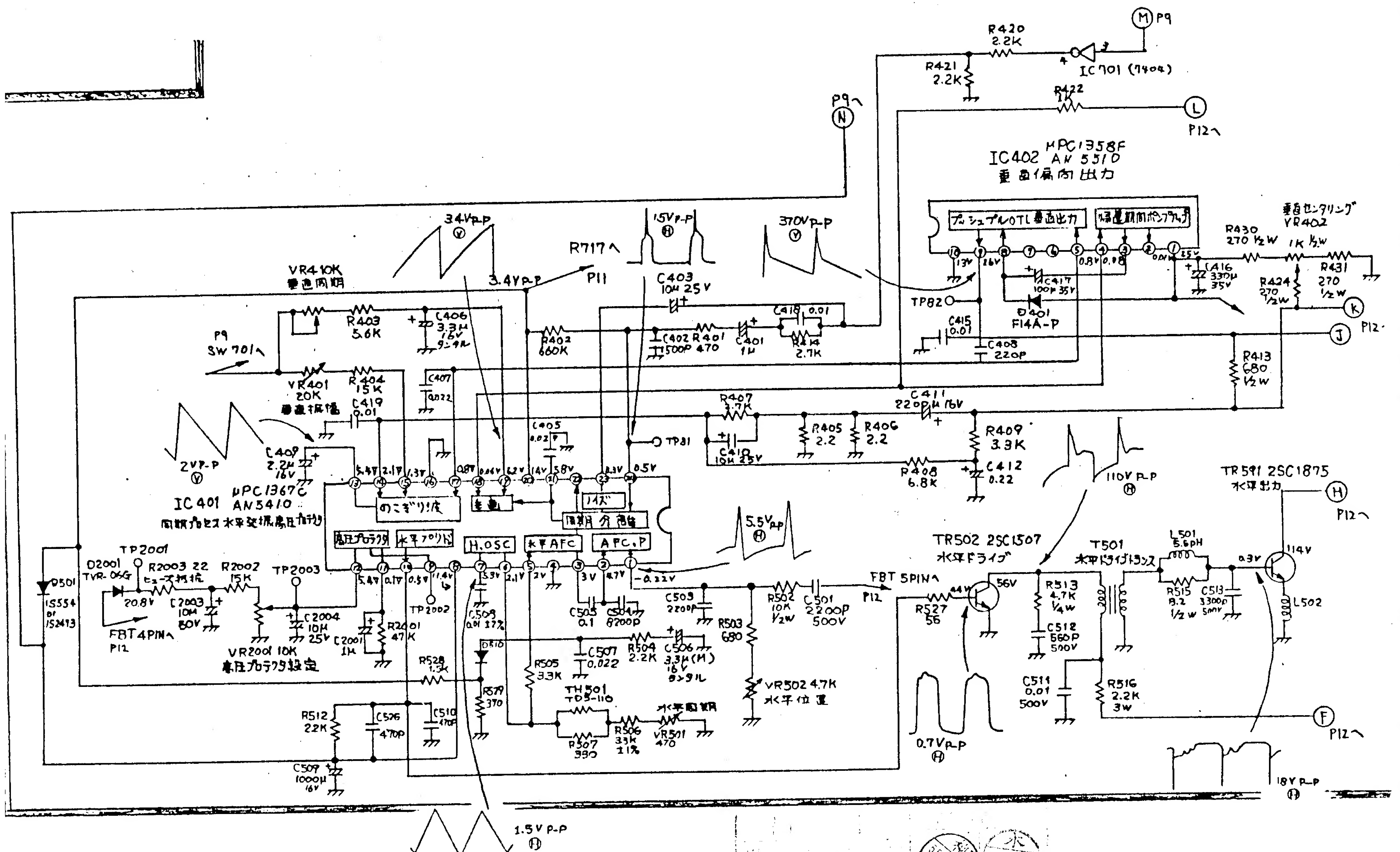
(140V)

100Vp-p

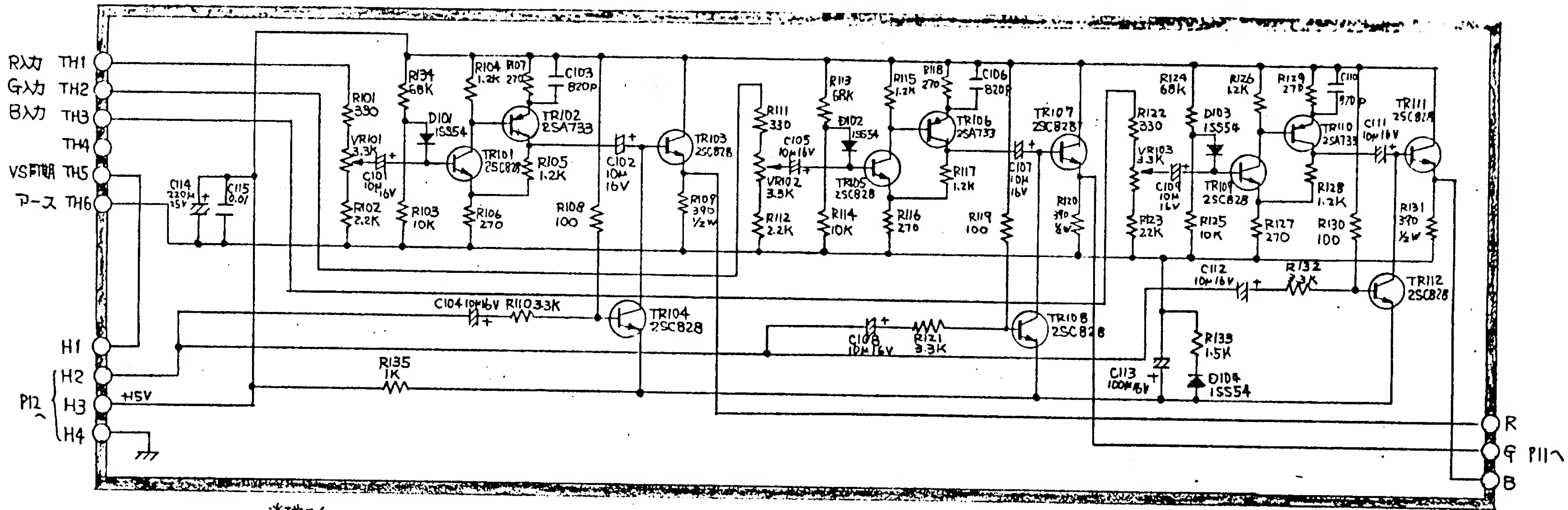


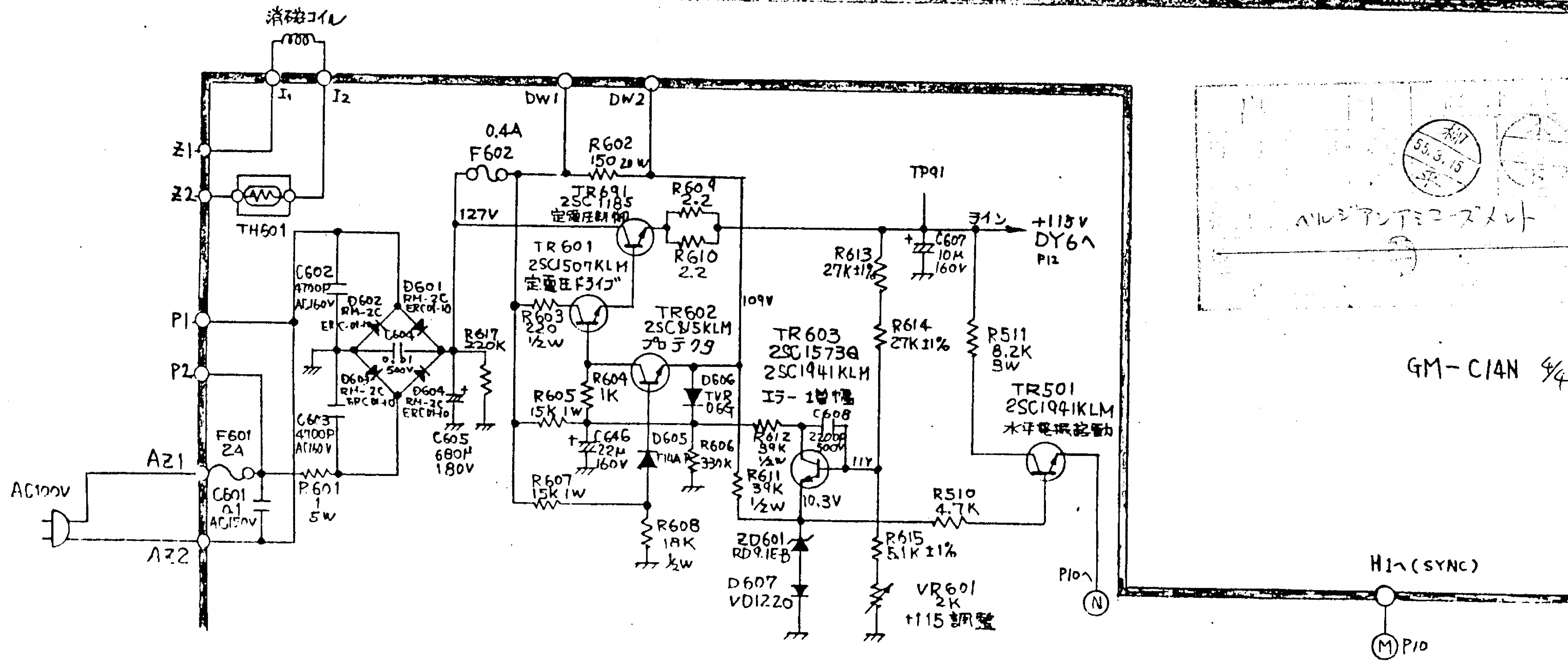


5Vp-p ⓥ
R715 68K ½w
C710 0.01
FBT 2へ
R716 10K
R719 1.8K
TR706 2SA738A(Q)
15V
明るさ VR701 10K-B
R721 1.5K
R727 1K
D703 1SS54 or 1S2472
9.5V
TR708 2SA733
C716 1000P
8V
D702 1S2472
R402へ P10
R717 1.5K
R718 18K
TR705 2SC945
R720 1.5K
R723 4.7K
R724 6.8K
C715 100μ 16V
TR707 2SC945
D704
9.5Vp-p ⓥ
Q1P
C711 2200P
C712 .082
D701 1SS54
TR704 2SC945
C713 33μ 16V
R725 100
R726 47K
C714 4.7μ 16V
1SS354 or 1S2742
Ⓛ P10へ
R728 18K
TR 401 2SC828(Q) or 2SC945(Q)
+12V
VR401
サービス(調整)
SW701 白バランス調整スイッチ
15Vp-p ⓥ (ノコギリ波)
R412 68K
T401 左右糸巻き補正トランス
L502 リニアリティコイル
R411 1.5K ½w
R423 20K
C414 1μ 16V タンタル
VR403 3K-B
C413 100μ 25V
R526 330 ½w ヒューズ抵抗
C525 .39 400V
R730 120K
R731 150K
水平センタリング
R
N
R585 150 2w
D509 TVR-06G
TP91へ
P9へ Ⓚ
Ⓙ
L509 水平振幅調整コイル
900Vp-p Ⓗ
75Vp-p Ⓗ
T502 FBT
1.8Vp-p Ⓗ
R519 1K
リミッタチェック端子
P9へ Ⓗ
TP804
D502 CQJ-1
C514A 8500P 1.5KV
L503 5.6μH
115V
100Vp-p Ⓗ
C709
R520 100K 2W
C520 0.1 250V
AFC比較波形 C501へ
R522 33
D503 V11N
R517 4.7 ヒューズ抵抗
L504 12μH
P10
C521 2200μ 500V
L505 5.6μH
F501 1A
R523 12 2W
12V
D504 TVR06G
C517 2200P 500V
C519 3.3μ 160V
D505 M14色
C522 470μ 25V
C523 470μ 16V
C524 270P 500V
+18V 25V
IC402 1PINへ P10
R518 4.7 5W
C515 .0068
C518 10μ 160V
P9へ Ⓕ
R524 ヒューズ抵抗
D506 TVR-06G
C516 4.7μ 160V
136Vp-p Ⓗ
200Vp-p Ⓗ
R521 1.5 2W
HC1
HC2
HC3
X3
X2
X1
P10 Ⓑ
Ⓐ P11へ
Y1 Y2 Y3
H2 (Hパルス)
H3 (+15V)
H4 (E)
P9へ
P11
D C E
垂直受線
偏向ヨーク
水平受線
115V DY4
DY3
DY2
DY1
VR591 フォーカスユニット
IN
5M
15M
10M
30M
820
2KV
ベンジアンアミューズメント
GM-C14N 3/4


IC402 μPC1358F AN5510
垂直偏向出力
IC401 μPC1367C AN5410
TR502 2SC1507
水平ドライブ
TR591 2SC1875
水平出力
T501
水平ドライブトランス
VR401 20K
垂直振幅
VR410K
垂直同期
VR2001 10K
高圧プロテクタ設定
VR502 4.7K
水平位置
垂直センタリング VR402
R717へ
FBT 5PINへ
FBT4PINへ
P12へ
P9へ

GM-C14N 3/4





GM-C14N 4/4